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### 1 [On the application of traffic engineering over bluetooth ad hoc networks](#)

[Sachin Abhyankar, Rishi Toshiwal, Carlos Cordeiro, Dharma Agrawal](#)

September 2003 **MSWIM '03: Proceedings of the 6th ACM international workshop on Modeling analysis and simulation of wireless and mobile systems**

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (420.12 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 49, Downloads (Overall): 1468, Citation Count: 1

The seamless communication of data and voice over short-range, point-to-multipoint wireless links between mobile and/or stationary devices is becoming a reality by newly introduced Bluetooth radio technology for Wireless Personal Area Networking, which ...

**Keywords:** bluetooth, performance evaluation, piconet partitioning, role switching, traffic engineering

### 2 [Proceedings of the 2000 ACM/IEEE conference on Supercomputing \(CDROM\)](#)

[Jed Donnelley](#)

November 2000 **Supercomputing '00: Proceedings of the 2000 ACM/IEEE conference on Supercomputing 2000 (CDROM)**

**Publisher:** IEEE Computer Society

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

### 3 [Client-server computing in mobile environments](#)

[Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid](#)

June 1999 **Computing Surveys (CSUR)**, Volume 31 Issue 2

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (233.31 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 43, Downloads (12 Months): 547, Downloads (Overall): 5982, Citation Count: 48

Recent advances in wireless data networking and portable information appliances have engendered a new paradigm of computing, called mobile computing, in which users carrying portable devices have access to data and information services ...

**Keywords:** application adaptation, cache invalidation, caching, client/server, data dissemination, disconnected operation, mobile applications, mobile client/server, mobile computing, mobile data, mobility awareness, survey, system application

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4 [The parks PDA: a handheld device for theme park guests in squeak](#)



[Yoshiki Onohima, John Maloney, Andy Ogden](#)

October 2003 **OOPSLA '03**: Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (488.82 KB)

[Additional Information](#): [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics**: Downloads (6 Weeks): 2, Downloads (12 Months): 35, Downloads (Overall): 1208, Citation Count: 1

The Parks PDA is a lightweight, handheld device for theme park guests that functions as a combination guidebook, map, and digital camera. Together with a small team of artists and designers, we created a prototype Parks PDA and content for a three hour ...

**Keywords**: PDA, development environment, end-user software, handheld device, multimedia data management, rapid software development

5 [Compiling java for low-end embedded systems](#)



[Ulrik Pagh Schultz, Kim Burggaard, Flemming Gram Christensen, Jørgen Lindskov Knudsen](#)

July 2003 **LCTES '03**: Proceedings of the 2003 ACM SIGPLAN conference on Language, compiler, and tool for embedded systems

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (267.00 KB)

[Additional Information](#): [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics**: Downloads (6 Weeks): 3, Downloads (12 Months): 52, Downloads (Overall): 1415, Citation Count: 5

The production of embedded systems is continuously increasing, but developing reusable software for such systems is notoriously difficult, in particular in the case of low-end embedded systems based on 16-bit or 8-bit processors. We have developed a ...

**Keywords**: Java, compilers, embedded systems, interfaces

Also published in:

July 2003 **SIGPLAN Notices** Volume 38 Issue 7

6 [A publish/subscribe CORBA persistent state service prototype](#)

[C. Liebig, M. Clitia, M. Betz, A. Buchmann](#)

April 2000 **Middleware '00**: IFIP/ACM International Conference on Distributed systems platforms

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  [Pdf](#) (283.92 KB)

[Additional Information](#): [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics**: Downloads (6 Weeks): 2, Downloads (12 Months): 24, Downloads (Overall): 389, Citation Count: 1

An important class of information dissemination applications requires 1:n communication and access to persistent datastores. CORBA's new Persistent State Service combined with messaging capabilities offer the possibility of efficiently realizing information ...

7 [Resource management portal for laboratories using real devices on the Internet](#)



[Siefan Zimmerli, Marc-Alain Steinemann, Torsten Braun](#)

July 2003 **SI GCOMM Computer Communication Review** , Volume 33 Issue 3

**Publisher:** ACM

Full text available:  [Pdf](#) (343.16 KB)

[Additional Information](#): [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics**: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Downloads (Overall): 471, Citation Count: 1

Internet-based distance learning is slowly gaining new territories and substituting current teaching methodologies. However, distance learning not only consists of transferring documents to web pages, but also of developing new concepts, methods, and ...

**Keywords**: computer networks laboratory, distance learning, hands-on training, resource management


8 [Experiences with network-based user agents for mobile applications](#)

[Thomas F. La Porta](#), [Thomas Woe](#), [Krishan K. Sabnani](#), [Ramachandran Ramjee](#)

August 1998

**Mobile Networks and Applications** , Volume 3 Issue 2

**Publisher:** Kluwer Academic Publishers

Full text available:  [Pdf](#) (631.57 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 55, Downloads (Overall): 637, Citation Count: 3

Wireless networks are characterized by simple end devices and limited bandwidth. One solution to address these and other limitations of the wireless mobile environment that has been widely pursued is the placement of proxies, or agents, inside the network ...


9 [OFFICETECH: a new paradigm in office services?](#)

[Susan J. Winter](#), [T. Grandon Gill](#)

January 1999

**I C I S '99: Proceedings of the 20th international conference on Information Systems**


**Publisher:** Association for Information Systems

Full text available:  [Pdf](#) (314.11 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 19, Downloads (Overall): 271, Citation Count: 0


10 [Requirements for success in gigabit networking](#)


 [Samir Chatterjee](#)

July 1997

**Communications of the ACM** , Volume 40 Issue 7

**Publisher:** ACM


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Full text available:  [Pdf](#) (382.91 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 36, Downloads (Overall): 808, Citation Count: 2


11 [Emerging mobile and wireless networks](#)



 [Upkar Varshney](#), [Ron Vetter](#)

June 2000

**Communications of the ACM** , Volume 43 Issue 6

**Publisher:** ACM

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Full text available:  [Html](#) (36.15 KB),  [Pdf](#) (609.43 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 32, Downloads (12 Months): 334, Downloads (Overall): 5231, Citation Count: 40

12 [Practical extraction techniques for Java](#)


 [Frank Tip](#), [Peter F. Sweeney](#), [Chris Laffra](#), [Aldo Eisma](#), [David Streeter](#)

November 2002

**Transactions on Programming Languages and Systems (TOPLAS)** , Volume 24 Issue 6

**Publisher:** ACM

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Full text available:  [Pdf](#) (1.01 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 75, Downloads (Overall): 939, Citation Count: 19

Reducing application size is important for software that is distributed via the internet, in order to keep download times manageable, and in the domain of embedded systems, where applications are often stored in (Read-Only or Flash) memory. This paper ...

**Keywords:** Application extraction, call graph construction, class hierarchy transformation, packaging, whole-program analysis


13 [upFRONT](#)

[Linux Journal Staff](#)

March 2001

**Linux Journal** , Volume 2001 Issue 83es

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (24.91 KB)

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 3, Downloads (Overall): 14, Citation Count: 0

**14** [Software security and privacy risks in mobile e-commerce](#)



[Anup K. Ghosh](#), [Tara M. Swaminatha](#)

February 2001

**Communications of the ACM** , Volume 44 Issue 2

**Publisher:** ACM

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Full text available: [Html](#) (38.81 KB), [Pdf](#) (90.58 KB)

Additional Information: [full citation](#), [appendices and supplements](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 54, Downloads (12 Months): 882, Downloads (Overall): 8375, Citation Count: 27

**15** [Simulation in the next millennium](#)



[Sanjay Jain](#)

December 1999

**WSC '99: Proceedings of the 31st conference on Winter simulation: Simulation---a bridge to the future - Volume 2** , Volume 2

**Publisher:** ACM

Full text available: [Pdf](#) (96.14 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

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